

November 10, 1975

MEMO FOR FILING

Re: R.D.M.&S. Company
43-045-001
Sec. 33, T. 8 S., R. 3 W.
Sec. 4 & 5, T. 9 S., R. 3 W.
Tooele (& Utah) Counties, Utah

Mr. Jack Madsen, Partner
Mining claims for rare limestone

Inspection was made of this proposed surface mine-site with Mr. Madsen on November 7, 1975.

The R.D.M.&S. Company proposes to mine low-silica limestone for coal mine dusting and stack scrubbing purposes. Markets will be in central Utah for the product which will be mined, crushed and bagged at the mine site. Limestone will be removed from the Fitchville and Gardison formations on four (4) specific locations on the above-mentioned sections. Each location will affect 80-100 surface acres.

Presently, the land proposed to be mined is representative of the lower pinyon/juniper woodland type. At about 6,000-7,000 feet in elevation, vegetation observed on-site was big sagebrush (*Artemisia tridentata*), rubber rabbitbrush (*Chrysothamnus nouseosus*), stansbury cliffrose (*Cowania mexicana*), green ephedra (*Ephedra viridis*), Pinyon pine (*Pinus monophylla*), Utah juniper (*Juniperus osteosperma*), cheatgrass (*Bromus tectorum*), Indian ricegrass (*Oryzopsis hymenoides*), and Bluestem wheatgrass (*Agropyron smithii*). Vegetative cover varies on the proposed mining acres from 20% - 60%, the more dense cover can be attributed to the pinyon/juniper type at higher elevations.

Topsoil present varies from none present, to possibly 3 to 4 feet in alluvium areas. Soils are calcareous in nature and lack significant organic material. Stones of 8 cm and smaller in diameter abound at all soil horizons.

Mining proposed will be dip slope, following the valuable limestone strata on its natural dip. Previous to mining, surficial soils will be removed, piled, and contoured to 12° (25%) slopes. Reject and waste rock will be piled and contoured in the same manner. Rock cut slopes will be abandoned at 45° (100%) slopes.

Steep slopes will prevent the economical spreading of soil back on the

cut-rock faces. Overburden piles will be seeded with a specified seed mixture to ensure stability. Exposed cliffs and rock faces will be fenced on the uphill side.

Mr. Madsen was helped in completing his forms MR-1 and MR-2 and will file both as soon as he finalizes his preliminary copies.

RONALD W. DANIELS
COORDINATOR OF MINED LAND
RECLAMATION

RWD/lc

